

IAP/ Rec'd PCT/PTO 19 JUN 2006

FORM PTO-1390
(REV. 10-2003)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER
CCP10332P00010USTRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371U.S. APPLICATION NO. (IF KNOWN)
107583579INTERNATIONAL APPLICATION NO.
PCT/CN2004/001470INTERNATIONAL FILING DATE
December 20, 2004PRIORITY DATE CLAIMED
December 19, 2003TITLE OF APPLICATION: Method and System to Separate and Measure ³⁷Ar Quickly

APPLICANT(S) FOR DO/EO/US: Wei LI, Hongxia WANG, Rongliang DUAN, Zhishang BIAN, Yongchun XIANG, Meiyang HE and Jian GONG

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
 2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
 3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
 4. ☐ The US has been elected. (Article 31).
 5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
 6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - ☒ is attached hereto
 - ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
 7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated to the International Bureau
 - c. ☐ have not been made; however, the time for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
 8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
 9. ☒ An **unexecuted** oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
 10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).
- Items 11 to 20 below concern document(s) or information included:**
11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
 12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
 13. ☐ A preliminary amendment.
 14. ☐ An Application Data Sheet.
 15. ☐ A substitute specification.
 16. ☐ A power or attorney and/or change of address letter.
 17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.
 18. ☐ A second copy of the published international application under 35 U.S.C. (154(d)(4)).
 19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
 20. ☒ Other items of information. Copy of International Application No. WO/2005/059593 A1.

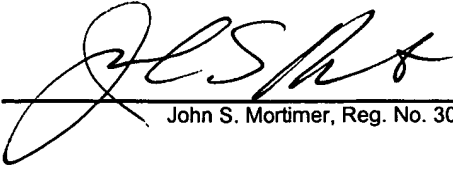
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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Karen A. Sanderson
Karen A. Sanderson

Date of Deposit **June 19, 2006**

U.S. APPLICATION NO. 10/583579		INTERNATIONAL APPLICATION NO. PCT/CN2004/001470		ATTORNEY DOCKET NUMBER CCP10332P00010US	
21. The following fees are submitted				Applicant Use	Office Use Only
<input type="checkbox"/>	a) Basic national fee	\$300.00		\$ 300.00	
<input type="checkbox"/>	b) Examination fee	\$200.00		\$ 200.00	
<input type="checkbox"/>	c) Search fee	\$500.00		\$ 500.00	
TOTAL OF ABOVE CALCULATIONS =			\$1,000.00	\$ 1,000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof					
Total Sheets	Extra Sheets	Number of Additional 50 or fraction thereof (round up to a whole number)	Rate		
- 100 =	/50		x \$250.00	\$	
Surcharge of \$130.00 for furnishing oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total Claims 7	-20 =	0	x \$50.00	\$	
Independent claims 1	- 3 =	0	x \$200.00	\$	
Multiple Dependent Claim(s) (if applicable)			+ \$360.00	\$ 360.00	
TOTAL OF ABOVE CALCULATIONS =				\$ 1,360.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
SUBTOTAL =				\$ 1,360.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
TOTAL NATIONAL FEE				\$ 1,360.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
TOTAL FEES ENCLOSED =				\$ 1,360.00	
Amount to be refunded:					\$
Amount to be charged:					\$
a. <input checked="" type="checkbox"/> A check in the amount of \$ 1,360.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge Deposit Account No. 23-0785 in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-0785. A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
Send Correspondence to:					
CUSTOMER NUMBER: 32116 WOOD, PHILLIPS, KATZ, CLARK & MORTIMER Citigroup Center, Suite 3800 500 West Madison Street Chicago, Illinois 60661 Telephone: (312) 876-1800 Facsimile: (312) 876-2020					
				 John S. Mortimer, Reg. No. 30,407	
				June 19, 2006 Date	